



MATERIAL SAFETY DATA SHEET #1002

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DATE ISSUED: 11/5/01
SUPERSEDES:

I. PRODUCT IDENTIFICATION

PRODUCT NAME: LESCO® Scenic Green Fertilizer – All Analyses
Chemical Family: Fertilizer Mixture
Chemical Name/Synonyms: Granular fertilizers including all chemical, partially sulfur coated, 100 percent sulfur coated nutrients with and without micronutrients.

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%(by/wt.)	CAS #	PEL/TLV
Formulated with one or more of the following ingredients. Check specific product label.			
Urea	0-98	57-13-6	10 mg/M ³ (dust) 5 mg/M ³ (resp)
Potassium Sulfate	0-95	7778-80-5	10 mg/M ³
Monoammonium Phosphate	0-95	7722-76-1	15 mg/M ³ (dust) 5 mg/M ³ TLV
Diammonium Phosphate	0-95	7786-28-0	15 mg/M ³ (dust) 5 mg/M ³ (resp)
Sulfur	0-20	7704-34-9	5 ppm (SO ₂)
Ureaform	0-10	9011-05-6	
Sulfate of Potash-Magnesia	0-10	14977-37-8	

TLV of all chemicals and mixtures is 15 mg/M³; TWA is 10 mg/M³. Respirable dust TLV of 5 mg/M³, unless otherwise indicated.

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Primary Route(s) of Entry: Skin, inhalation, ingestion, eyes.
POTENTIAL HEALTH EFFECTS: Acute: May cause mild irritation to skin and eyes. Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea.
MEDICAL CONDITIONS AGGRAVATED: Not Known
POTENTIAL ENVIRONMENTAL HAZARDS: Not Known

IV. FIRST AID MEASURES

EYES: Flush with large amounts of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.
SKIN: Remove contaminated clothing. Wash area of contact thoroughly with soap and water. Get medical attention if irritation persists or symptoms develop.
INHALATION: If symptoms develop, remove person from source of exposure to fresh air. If respiratory symptoms persist, get medical attention.
INGESTION: Drink warm water and induce vomiting by touching back of throat with finger. Consult a physician.
NOTES TO MEDICAL DOCTOR: None Known

V. FIRE FIGHTING MEASURES

Flash Point (Method Used): Not Applicable
Lower Explosion Limits: Not Applicable
NFPA Rating: Health: 1

EXTINGUISHING MEDIA: ☐ Foam
☒ Water Spray

Auto Ignition Temperature: Not Applicable
Upper Explosion Limits: Not Applicable
Fire: 1 **Reactivity:** 0

☐ Alcohol Foam ☐ Dry Chemical
☐ Other ☐ CO₂

EXPLOSION HAZARDS: If heated to decomposition, will give off toxic fumes of ammonia and formaldehyde. Under fire conditions, urea may decompose to cyanuric acid, biuret or ammonia. Dispersion of fine dust in the air may form an explosive mixture.

FIRE FIGHTING PROCEDURES: Wear NIOSH approved positive pressure, self-contained breathing apparatus. Do not breathe fumes. Remove from area of fire at first opportunity. Prevent water runoff from entering drains, sewers or water sources. Fertilizer will become slippery when wet. Guard against falls.

HAZARDOUS DECOMPOSITION METHODS: If heated to decomposition, may give off ammonia and formaldehyde as well as oxides of sulfur, manganese, magnesium, iron, potassium and phosphorus. Urea can yield cyanuric acid or biuret upon heating.

VI. ACCIDENTAL RELEASE MEASURES

RELEASE NOTES: If material is spilled and not contaminated, scoop into clean container for use. If contaminated, scoop into containers for disposal.

VII. HANDLING AND STORAGE

GENERAL PROCEDURES: Store in a cool, dry place if possible. Separate from pesticides, fertilizers, seed, feed, foodstuffs, and away from drains, sewers, and water sources. Do not eat, drink or smoke while handling this product.

Other Precautions: Keep out of reach of children. Practice good care and good safety precautions when handling this product. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Do not swallow. Wash thoroughly after handling.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation is required if product is not applied outdoors.
PERSONAL PROTECTION EQUIPMENT:

EYES AND FACE: Eye goggles/safety glasses.

RESPIRATORY: Sufficient ventilation suggested for confined areas.

PROTECTIVE CLOTHING: Clean clothing.

WORK HYGIENIC PRACTICES: Practice good care and safety when handling this product.

GLOVES: Impervious gloves.

COMMENTS: Impervious boots are suggested for outdoor application. An eyewash station and emergency shower are suggested for confined areas.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: Not Applicable
MELTING POINT: Not Applicable
VAPOR DENSITY (air = 1): Not Applicable
ODOR: Slight pungent odor.
APPEARANCE: Multicolored granules.
pH: Not Determined

SPECIFIC GRAVITY: Not Applicable
EVAPORATION RATE: Not Applicable
VAPOR PRESSURE: Not Applicable
SOLUBILITY IN WATER: Moderate
PERCENT VOLATILE: Not Applicable
BULK DENSITY (lbs./cu ft): 45 – 65

X. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: None known.

STABILITY: Stable.

POLYMERIZATION: Will not occur.

INCOMPATIBLE MATERIALS: Strong acids, caustic compounds, humid-wet conditions.

XI. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Mild irritation.

SKIN EFFECTS: Mild irritation.

DERMAL LC₅₀: N/A

ORAL LD₅₀: >10,000 mg/kg

INHALATION LC₅₀: Not Applicable; expected to have low or not toxicity.

SENSITIZATION:

ACUTE EFFECTS FROM OVEREXPOSURE: May cause mild irritation to skin and eyes.

Ingestion of large amounts may cause gastrointestinal disorder, nausea, vomiting and/or diarrhea.



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CHRONIC EFFECTS FROM OVEREXPOSURE: None Known
CARCINOGENICITY:
IARC: Not Listed
NTP: Not Listed
OSHA: Not Listed
OTHER: Not Listed

XII. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No Data
ECOTOXICOLOGICAL INFORMATION: No Data

XIII. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose according to Federal EPA procedures as outlined in the Resource Conservation Recovery Act (RCRA) and follow state and local guidelines. Be sure that containers are completely empty before disposal.

XIV. TRANSPORTATION INFORMATION:

DOT Transportation: Not Regulated	ID NO. N/A Not Applicable
Proper Shipping Name: Not Applicable	Marine Pollution #1: Not Applicable
Hazard Class: Not Applicable	HM 181 Shipping Name: Not Regulated
U.S. Surface Freight Class: Not Applicable	
Reportable Quantity (RQ): Not Applicable	

XV. REGULATORY INFORMATION - UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A	
<u>Y</u> Immediate (Acute Health)	SEC 302: Not Applicable
<u>N</u> Delayed (Chronic Health)	SEC 304: Not Applicable
<u>N</u> Fire.	SEC 313: Not Applicable
<u>N</u> Sudden Release of Pressure	CERCLA RQ: Not Applicable
<u>N</u> Reactivity	CAA RQ: Not Applicable

EPA Registration No.: Not Applicable

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